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of

Complete if Known					
Filing Date	06/10/99				
First Named Inventor	James T. Merrill				
Group Art Unit	1764				
Examiner Name	Not Assigned				
Attorney Docket Number	31223-62785				

U.S. PATENT DOCUMENTS U.S. Patent Document Date of Publication of Pages, Columns, Lines,								
Examiner Initials	Cite No.1	U.S. Patent I	Cocument Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY		Whe	Columns, Lines, ere Relevant ges or Relevant dres Appear
71)	1	4,169,111		Wight	09-25-1979	585	323]	
$\mathcal{I}\mathcal{I}\mathcal{I}\mathcal{I}\mathcal{I}\mathcal{I}\mathcal{I}\mathcal{I}\mathcal{I}\mathcal{I}$	2	4,185,040		Ward	01-22-1980	585	467	
71)	3	4,774,377		Barger et al	09-27-1988		323	
77)	4	5,900,518		Merrill, et al	05-04-1999	585	323	
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FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Office ³	Foreign Patent Do	Cument Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Eigures Appear	T ⁶
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